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current pulse to the monitored animal. However, this device has the drawback that, especially with great transmission distances, the signals received become so weak that safe transmission of the data is no longer assured. This can be compensated only by selecting the transmitting power of the evaluator station and of the electrode sufficiently high, so that the safe data transmission is assured even over the greatest possible distance of transmission. This, however, leads to very high current consumption and thus to a very short useful life of the electrode

E.

Page 13, line 4, please delete "relativelt" and insert -- relatively--.

Page 18, line 4, please delete "arrang3ed" and insert -- arranged--.

Page 18, line 5, please delete "coees" and insert --codes--.

Page 33, line 7, please delete "is" and insert --in--.

Page 45, line 4, after "the" (last occurrence), insert -- electrodes--.

Page 43, line 13, please delete "plan view and"; line 15, please delete "plan view and"; line 17, please delete "plan view and".

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Page 43, line 19, please insert:

Fig. 2d shows a plan view of the electrode shown in Fig. 2a;

B2 Fig. 2e shows a plan view of the electrode shown in Fig. Fig. 2b; and

Fig. 2f shows a plan view of the electrode shown in Fig. 2c; -

Page 44, line 1, please delete "4" and substitute therefor --

4a--; line 2, please delete ", with a measured curve"; line 3,
please insert Fig. 4b shows a measured curve for the electron

shown in Fig. 4a

Page 55, line 16, after "2a", please insert --, Fig. 2d--;
after "2b", please insert --, Fig. 2f--.

Page 57, line 1, please delete "Fig. 2a shows" and substitute
therefor --Figs. 2a and 2d show--; line 8, please delete "Fig. 2b
shows" and substitute therefor --Figs. 2b and 2e show--.

Page 58, line 4, please delete "Fig. 2c shows" and substitute
--Figs. 2c and 2f show--.

Page 61, line 21, please delete "4" and insert --4a--.

Page 62, line 22, please delete "4" and insert --4b--.

IN THE CLAIMS:

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